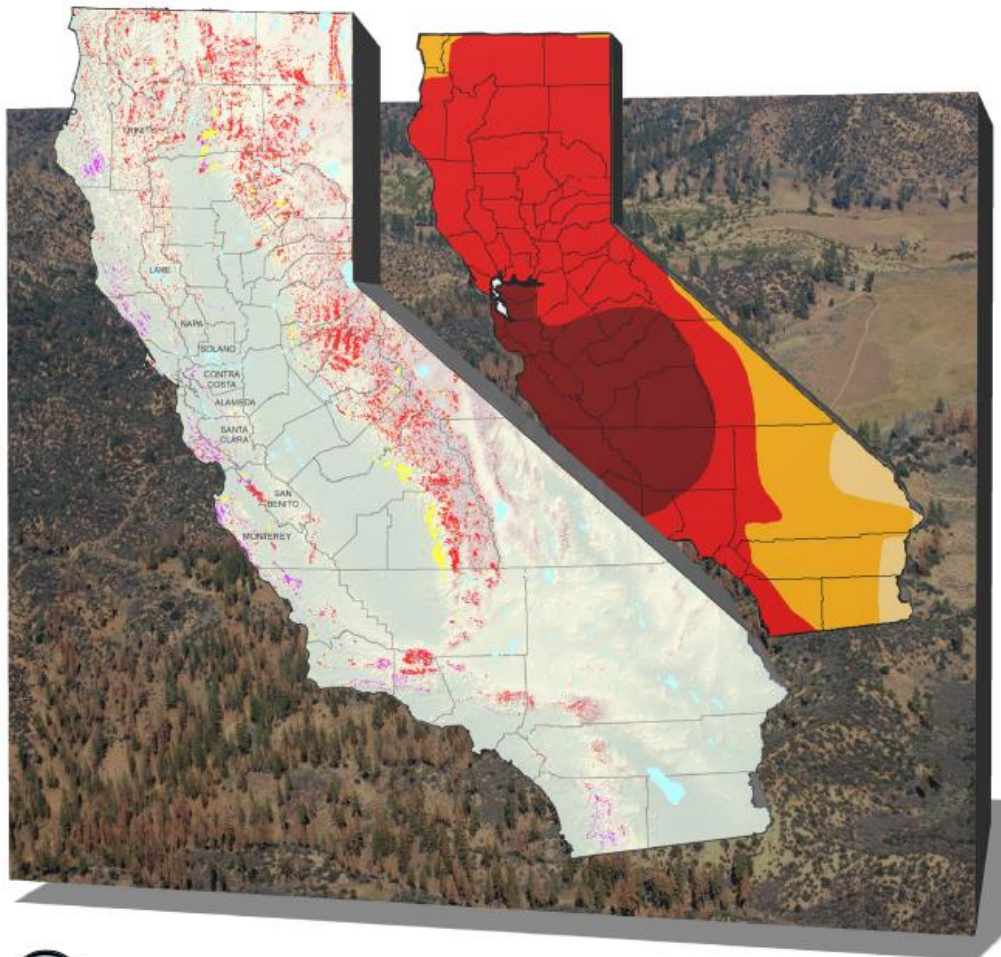


2014

# California Forest Pest Conditions



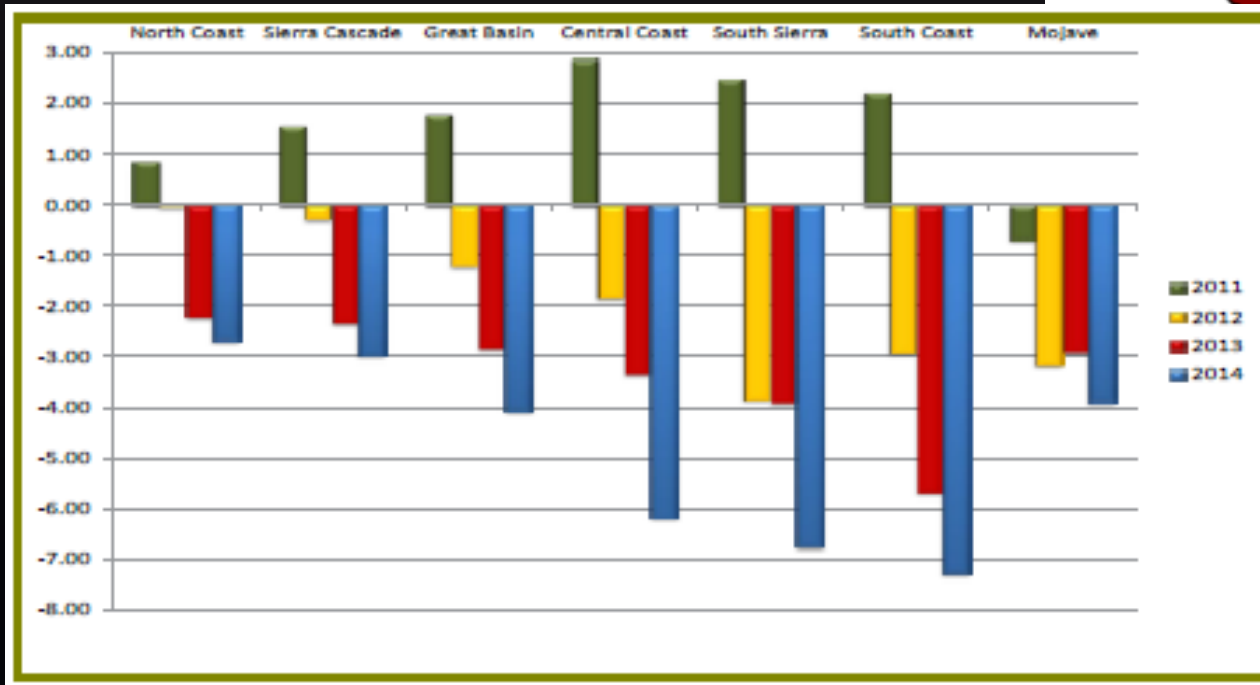
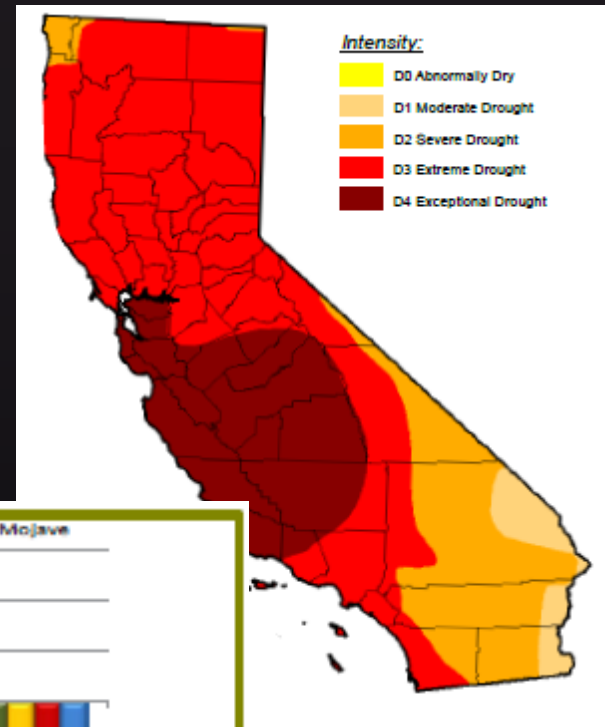
## California Forest Pest Conditions Report - 2014

Tom Smith  
Cal Fire -  
Forest Pest  
Management

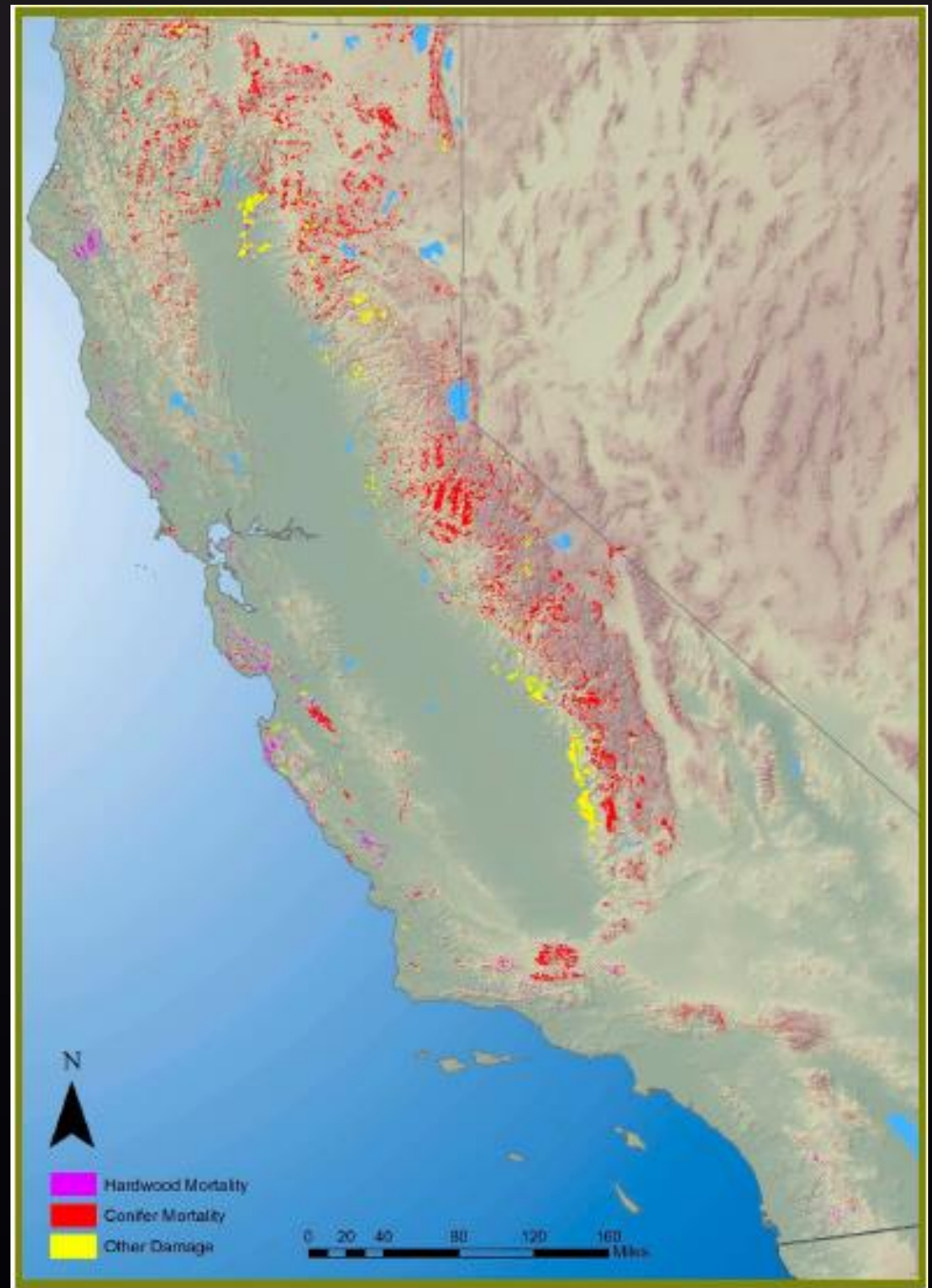


A publication of the  
California Forest Pest Council

# Drought



# Aerial Survey and Detection Mapping

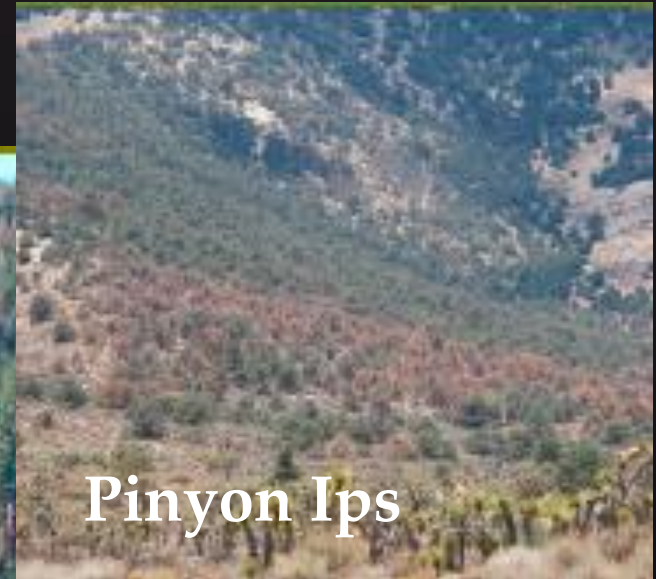




# Insect Conditions



Fir engraver beetles



Pinyon Ips

Increases  
in bark  
beetle  
mortality

# Invasive Insects

- Increases in goldspotted oak borer (GSOB) mortality
- New GSOB infestation in Orange County
- Spread of the polyphagous shot hole borer/Fusarium complex in five southern counties with growing mortality





# Disease Conditions



Hail Damage

Increases  
in root  
disease,  
hail  
damage  
and Bishop  
pine  
decline

# Exotic Diseases



Pitch  
Canker



Gooseberry with  
WPBR spores



White pine blister  
rust



# Exotic Diseases



**Foamy Bark Canker of  
Oaks**



# Exotic Diseases



Sudden oak death remains a serious problem on the north coast with new infestation found in Humboldt County and the disease moving into Trinity County for the first time

# Exotic Diseases

*Phytophthora tentaculata* is the newest exotic disease in California affecting toyon and several understory shrubs and plants

**Infested sticky  
monkey flower**





# Invasive Plants



Old Man's Beard

Newest  
invasive  
weeds  
include false  
yellowhead,  
old man's  
beard and  
yellow  
archangel.  
Funding for  
invasive  
weed control  
remains low.

# Forest Pest Observational Database

Database of pest observations of all types. This database is national in scope and will be searchable for both pest detection and occurrence data and research.

Data entry will initially be restricted to forest health professionals from state and federal agencies. Public and private land managers will be able to submit reports to forest health contacts for database entry. A new PDR form (electronic and hard copy) is currently being developed that will replace the old version.

There were 100 entries into the database in 2014 (dots on map correspond to locations with database entries).

FPODA is a collaborative project by the USFS R5 SPF Forest Health Protection, USFS Forest Health Technology Enterprise Team, the California Department of Forestry and Fire Protection, and the California Forest Pest Council.

Port-Orford-cedar root disease found in Fish Lake Campground

Fir engraver beetle killed ~50% of white fir on 200 acres near Franklin Creek in Warner Mountains

Severe maple leaf scorch symptoms observed along California Highway 32

20,000 acres of Douglas-fir tussock moth-caused defoliation of white fir on the Plumas NF

Ponderosa pine killed by western pine beetle in Upper River Campground

Pinyon *lps* killed ~20% of pinyon pine in the vicinity of Walker Pass Campground

California fivespined *lps*-caused bishop pine mortality on 200 acres in Santa Barbara Co.

Goldspotted oak borer found increasing in live oak on the Viejas Reservation and Cleveland NF





# Questions?

